



WATER QUALITY ENVIRONMENTAL PERFORMANCE PARTNERSHIP AGREEMENT

State Fiscal Year 2004

July 1, 2003

Idaho Department of Environmental Quality
U.S. Environmental Protection Agency, Region 10

Water Quality Programs **Environmental Performance Partnership Agreement**

The following Performance Partnership Agreement (PPA) between the United States Environmental Protection Agency (EPA), Region 10 and the State of Idaho is for the Idaho Department of Environmental Quality (IDEQ) Water Quality Programs. This PPA is to serve as the Water Quality Programs work plan. It is effective for the State Fiscal Year (SFY) 2004 and covers the period July 1, 2003 through June 30, 2004. This agreement aligns the State of Idaho and EPA Region 10 priorities and defines expected environmental outcomes. Through this agreement, federal and state agencies can work together more efficiently in managing the water resources in Idaho.

C. Stephen Allred, Director
Idaho Department of Environmental Quality

Date

L. John Iani, Regional Administrator
U.S. Environmental Protection Agency, Region 10

Date

INTRODUCTION

The Idaho Department of Environmental Quality (IDEQ) has adopted a Strategic Plan for 2004 through 2008. That plan includes a series of identified objectives for the Department's water quality program that are summarized in the table below. A copy of the complete strategic plan can be obtained from the IDEQ web site at <http://www.deq.state.id.us/publist1.htm#S>. Similarly, the U.S. Environmental Protection Agency, Region 10 (EPA) has established a set of regional environmental priorities for its work. Those priorities are also summarized in the table below. A more complete description can be found on the EPA Region 10 [web site](#).

These two sets of priorities set the framework within which the IDEQ and the EPA developed this Performance Partnership Agreement. The agreement describes in some detail how the two agencies will work together to accomplish our mutual water quality goals and objectives. For each major component of Idaho's water quality program it identifies the expected water quality results and discusses the work that the IDEQ and the EPA are committed to completing during State Fiscal Year 2004, which starts on July 1, 2003 and ends on June 30, 2004.

<p><u>IDEQ Mission</u> The Idaho Department of Environmental Quality (IDEQ) mission is to protect human health and preserve the quality of Idaho's air, land and water for use and enjoyment today and in the future. This is also the overarching mission for all of the water programs in the State.</p> <p><u>IDEQ Vision</u> IDEQ envisions a future for Idaho's citizens wherein quality of life is enhanced by the quality of the environment. We will assess, sustain, preserve, and enhance environmental qualities in partnership with communities and businesses, and in concert with the economic vitality of the State.</p>	<p><u>EPA Mission</u> The mission of the U.S. Environmental Protection Agency is to protect human health and to safeguard the natural environment — air, water, and land — upon which life depends.</p>
<p><u>IDEQ Strategic Plan Issues and Actions</u> The five issues and actions for this year are as follows:</p> <ol style="list-style-type: none"> 1. Improve ground water quality in identified degraded areas and protect all ground water. 2. Improve the surface water quality in areas identified as not supporting their beneficial uses or where the State believes threatened or endangered species exist. 3. Protect public health by maintaining or improving the quality of Idaho's Drinking Water. 4. Attain or maintain air quality standards in all of Idaho's airsheds. 5. Ensure safe waste management, cleanup and removal at the Idaho National Engineering and Environmental Laboratory. 	<p><u>EPA Strategic Plan Goals</u></p> <ol style="list-style-type: none"> 1: Clean Air 2: Clean and Safe Water 3: Protect and Restore the land 4: Healthy Community and Ecosystems 5: Compliance and Environmental Stewardship <p><u>EPA Region 10 Priorities for Idaho</u></p> <ol style="list-style-type: none"> 1: Coeur d'Alene Basin 2: Columbia River Basin 3: Clean-up of Contaminated Sites 4: Tribal Environmental Health 5: Fine particulate matter from smoke and diesel

I. GENERAL WATER QUALITY AGREEMENTS

A. Information and Document Sharing Expectations

IDEQ will submit annual reports to EPA that provide data on the measures indicated in the Performance Partnership Agreement. IDEQ and EPA will inform each other regarding correspondence including grants, agreements, products or services rendered from other local, state and federal agencies or private entities, which concern activities covered under this agreement.

B. Training and Technical Assistance

Each agency, within its resource limitations, will provide training and technical assistance to the other upon request.

C. Joint Evaluation of Performance

In accordance with 40 CFR Part 35, Subparts A & B, IDEQ and EPA have developed a process for joint evaluation and reporting progress and accomplishments under the work plan. IDEQ will submit a performance report at least annually and no more than quarterly that discusses program accomplishments as measured against work plan commitments, the cumulative effectiveness of the work performed under all work plan components, existing and potential problem areas, and suggestions for improvement, including, where feasible, schedules for making those improvements.

D. Roles and Responsibilities

Roles and responsibilities for EPA and IDEQ are specified at the Program Commitment level in this PPA.

E. Terms and Conditions

Follow all terms and conditions outlined in operating agreements, yearly grant agreements, federal and state statutes and regulations. For the purposes of quantification of effort, 2080 person hours is one “full-time equivalent” (FTE), also known as, one “work year”. As required by 40 CFR Part 35, the following PPA Components have been identified as receiving Federal Surface Water 106 and Ground Water 106 funding:

- Wastewater Land Application Program
- NPDES Program
- Ground Water Program

II. ENVIRONMENTAL OUTCOMES

The status of environmental outcomes for surface water quality is reported to EPA in the “Integrated Report.” Some additional program specific environmental outcomes are in the individual program commitment sections.

A. Surface Water:

1. An increase in stream and river miles assessed that meet Idaho Water Quality Standards.

B. Ground Water:

1. Improved trends within degraded ground water quality areas.
2. Increase in the number of aquifers meeting Safe Drinking Water Act Standards.

COMPONENT 1: Surface Water Assessment and Protection Programs

Program Goal

The goal of the IDEQ Surface Water Program is to address impaired water bodies in order to support designated and existing beneficial uses. IDEQ also plans to improve surface water quality in areas with endangered species issues. These goals are accomplished through the following activities: monitoring and data collection; assessment; publish Integrated Report (formerly called the 305(b) report and 303(d) list); water quality standards development; Total Maximum Daily Load (TMDL) development.

Activities

- Complete TMDLs. Continue monitoring and assessment; develop water quality standards (WQS).

Program Contacts

Christine Psyk, EPA (206) 553-1906

Paula vanHaagen, EPA (206) 553-6977

Michael McIntyre, IDEQ (208) 373-0570

Program Commitments

Priorities:

- Complete 7 Hydrologic Unit Cataloging (HUC) Total Maximum Daily Loads (TMDLs) as per The Settlement Agreement and new schedule established therein.
- The Settlement Agreement requires review of previously evaluated water bodies to determine if TMDLs may now be needed. Reprioritization and/or shifting of TMDL resources may be required to fulfill the increased workload.
- Develop plans and implement approved TMDLs with designated management agencies.
- Review the TMDL process, related rules, and Idaho Code to make modifications as necessary and appropriate.
- Finalize Statewide Surface Water Monitoring Strategy (SWMS) to improve agency coordination of ambient monitoring activities in Calendar Year (CY) 2004 field season.
- Publish and submit to EPA, the 2002 "Integrated Report" which contains a list of Idaho's impaired waters (formerly called the 303(d) list) and a report on the condition of Idaho surface waters (formerly called the 305(b) report). The Integrated Report is anticipated to be submitted to EPA September 2003.
- Publish and submit to EPA, the 2004 Integrated Report which is anticipated to be submitted to EPA April 2004.
- IDEQ will articulate a path forward for revising the temperature standards/criteria.
- Develop and submit to EPA a Continuing Planning Process (CPP). (See Component 4, Outputs 1.2)

Outcome:

An increase in the percentage of surveyed waters supporting beneficial uses and a decreased percentage of waters that do not support beneficial uses that have been addressed by TMDLs.

Total Maximum Daily Loads (TMDLs)

Activity 1.0 Restore beneficial uses and meet water quality standards in water quality limited water bodies.

1.1 Approach

Complete Sub-Basin Assessments (SBAs) and TMDLs as per agreed upon schedule. Please see "TMDL Settlement Agreement, Attachment 1 - Schedule". Participate in EPA process to develop TMDL for the Columbia River.

1.2 Outputs

- a. Complete approximately 7 SBAs in SFY 2004; please see "TMDL Settlement Agreement, Attachment 1 - Schedule".
- b. Complete 7 HUC TMDLs as per The Settlement Agreement and schedule established therein; please see "TMDL Settlement Agreement, Attachment 1 - Schedule".
- c. Continue to perform Pre and Post TMDL Monitoring visits, to support TMDL development and adaptive management.
- d. IDEQ anticipates submitting the following late TMDLs to EPA:
 - 16010102 Bear River
 - 16010201 Bear River
 - 16010202 Bear River
 - 16010204 Malad
 - 17050114 Lower Boise tributaries
 - 17050115 Snake River – Boise River to Weiser River
 - 17050112 Bissel Creek
 - 17050201 Brownlee Reservoir
 - 17010304 St. Maries/St. Joe
 - 17060103 Snake River – Salmon River to Washington state line
 - 17060305 South Fork Clearwater River

1.3 Schedule

SBA and TMDL completion follows a calendar year and an agreed-upon schedule; please see "TMDL Settlement Agreement, Attachment 1 - Schedule".

- Late TMDLs noted above in 1.2 are anticipated to be completed by September 2003.

1.4 Funding

These Activities are to be funded by state monies appropriated through the Idaho State Legislature. Presently, IDEQ devotes approximately 53,801 person hours (approximately 25.8 work years) and \$517,600 in contractual funds to support this effort. Successful achievement of these Activities will depend on additional funding and collaborative efforts with other agencies.

- 1.5 Contacts
Christine Psyk, EPA (206) 553-1906
Michael McIntyre, IDEQ (208) 373-0570

Activity 2.0 Ensure water quality and restoration activities are in compliance with existing water quality standards, agency goals and long range plans.

- 2.1 Approach
Work with other agencies, the regulated community and other stakeholders to guide and direct activities that may impact water quality including wetlands. Coordinate planning efforts both internally and externally to assure that water quality needs are considered. Conduct audits of practices and work on modification of Best Management Practices (BMPs) and permits as necessary. Conduct enforcement activities when appropriate. Coordinate programs with the Office of Endangered Species. Develop innovative approaches.
- 2.2 Outputs
 - a. Annual and strategic plans for the Surface Water Quality program.
 - b. Water quality review activities.
- 2.3 Schedule
The Annual Report is scheduled for distribution at the beginning of each calendar year. The Strategic Plan is scheduled for distribution at the beginning of each state fiscal year. Planning and review activities occur on an ongoing basis throughout the year.
- 2.4 Funding
This activity is funded by a mix of state General Fund monies as appropriated by the Idaho State Legislature, and Federal grant funds. See hours in Component 7, Activity 1.4, Integrated Watershed Management, as this section is a part of IDEQ's overall Non Point Source program. This effort may be supported by additional contract funds if available.
- 2.5 Contacts
Christine Psyk, EPA (206) 553-1906
Michael McIntyre, IDEQ (208) 373-0570

MONITOR, ASSESS and DESIGNATE

Activity 3.0 Assess monitoring data for beneficial use status.

- 3.1 Approach
Continue targeted monitoring of Idaho water bodies. Improve the monitoring work plan and develop consistent training materials. Using revised Water Body Assessment Guidance (WBAG II), begin assessments of 2001-2002 data. Continue to develop capacity for electronic reporting of 305(b) information in the Integrated Report. Finalize Statewide Monitoring Strategy.

3.2 Outputs

- a. Data collected at 365 BURP sites.
- b. Publication of the SFY 2002 and 2004 Integrated Report, including “public comment” and “response to public comment” activities.
- c. Use “Trophic Status Index” for monitoring lakes and reservoirs per EPA’s 303(d) guidance for the 2002 Integrated Report. “The trophic condition of all lakes must be reported using values found at <http://www.epa.gov/waters/reporting>”, page 5, 2002 guidance. IDEQ intends to report a trophic index for all the lakes monitored in 1997, 1998 and 2000 as part of the Beneficial Use Reconnaissance Program.
- d. Finalize Statewide Surface Water Monitoring Strategy and provide long-range schedule.

3.3 Schedule

- a. A long-range schedule for the statewide monitoring strategy (SWMS) has been developed and prepared. Public input and comment periods were provided as part of this process. Implement SFY 2004.
- b. Share output or outcomes of the “Variability Study” of IDEQ habitat and macroinvertebrate collection methods. Year One (1) of the pilot study drove changes to methods and training. Data from Year Two (2) will enable IDEQ to determine if these changes are having the desired affect.
- c. By November 2003, the 2002 Integrated Report will be submitted to EPA for final action.
- d. IDEQ anticipates submittal of 2004 Integrated Report by April 2004.

3.4 Funding

These Activities will be funded by state monies, appropriated through the state legislature, and Federal EMAP funds of \$265,000. IDEQ estimates approximately 32,804 person hours (equivalent to 15.7 work years) and \$433,500 in contractual funds to support this effort. Achievement of future goals will depend on additional funding and collaborative efforts with other agencies.

3.5 Contacts

Gretchen Hayslip, EPA (206) 553-1685
Paula vanHaagen, EPA (206) 553-6977
Michael McIntyre, IDEQ (208) 373-0570

WATER QUALITY STANDARDS

Activity 4.0 Develop scientific based functional water quality standards to address program needs and to ensure protection of Idaho water.

4.1 Approach

Using new guidance, continue to perform beneficial use designations. Perform negotiated rule making and water quality standards consultation as necessary. Participate as applicant in ESA consultations. Begin scoping discussions with EPA on next triennial review.

4.2 Outputs

- a. Provide “draft” new water body use designation guidance.
- b. Initiate and develop Wetland rules for 401 Certification activities.
- c. Retain contractor to provide public workshops and hearings as part of the process to implement IDEQ’s anti-degradation process(es) and procedure(s).
- d. Cooperate and coordinate with EPA as an applicant on the ESA consultation regarding the metals site-specific criteria for the South Fork Coeur d’Alene River.
- e. Take appropriate follow-up actions regarding “Regional Temperature Criteria” project.
- f. Continue ongoing ESA consultation as an applicant on Idaho toxics.
- g. Withdraw Soda Creek use attainability analysis (UAA) by 12/31/03.
- h. Provide EPA with a nutrient strategy update and participate with EPA in regional nutrient meetings.

4.3 Schedule

IDEQ anticipates the items listed under 4.2 to be completed and submitted to EPA by June 30, 2004 unless otherwise specified.

4.4 Funding

These Activities are to be funded by monies appropriated through the state legislature. IDEQ estimates approximately 3,104 person hours (equivalent to 1.5 work years) and \$230,000 in contractual funds to support this effort. Achievement of future goals will depend on additional funding and collaborative efforts with other agencies.

4.5 Contacts

Paula vanHaagen, EPA (206) 553-6977
Michael McIntyre, IDEQ (208) 373-0570

Activity 5.0 Component Commitments

5.1 IDEQ and EPA Commitments

- Work together to continue the Triennial Review Discussion on Water Quality Standards– define the framework, list potential topics, and details regarding participation, agency roles, responsibilities, process, procedure, product, and any other related activities, commitments, or deliverables.
- Communicate at least quarterly by conference call on progress of WQS submittal and approval actions, TMDLs, and the Integrated Report
- Strengthen working relationship on an ongoing basis.
- Seek additional state and federal funding for surface water protection activities including additional resources for 104(b)(3) monitoring and the Statewide Monitoring Plan.
- Both EPA and IDEQ will make appropriate staff assignments to each TMDL.
- Report overall Surface Water Program progress semiannually regarding WQS submittal and approval actions, TMDLs, and Integrated Report.

5.2 EPA Commitments

- EPA will take timely action to approve or disapprove all TMDLs submitted by IDEQ.
- EPA will take final action regarding the Integrated Report within statutory time frames.
- EPA will provide timely review, and approval or disapproval action on the following water quality standards submittals and/or dockets. EPA will also communicate in writing with Dave Mabe, Administrator, IDEQ Water Quality Division, regarding current status of each, and schedule for determination including any necessary revisions:
 - a. Natural background process – Docket 0103
 - b. Bull Trout Temperature Criteria – Docket 0002
 - c. Seasonal Cold Water Category – Docket 0002
 - d. Review the need for a variance on the Page Swamp and take appropriate action – Docket 0002
 - e. Variance procedure changes – Docket 0103
 - f. Compliance schedule time limits change – Docket 0103
 - g. Boise Water Effects Ratio.
 - h. All other beneficial use designations and use changes in Dockets 002, 0101, 0203, 0204.
- EPA will continue to provide timely review and action on the following:
 - a. Work with IDEQ on Hecla variance.
 - b. Review variances for Page, Mullan and Smelterville.
 - c. Review and Act on UAA for Lower Boise River tributaries
 - d. Continue work on completing Idaho toxics consultation
 - e. Review SFY 2003 319 applications, workplans, amendments, make grant awards, and provide technical assistance in a timely manner.
 - f. Communicate with IDEQ regarding nutrient standard strategies and development.
 - g. Provide TMDL Settlement Agreement parties with copies of TMDLs and corresponding action letters.
 - h. Act on emergency rule for dissolved oxygen for Hells Canyon/Snake River TMDL.

COMPONENT 2: Wastewater Permitting Program

Program Goal

The goal of the Wastewater Permitting Program is to ensure wastewater is utilized in a manner that is protective of human health and the environment in surface waters and ground water aquifers.

Activities

- Process land application permits; perform compliance oversight of land application permitted facilities; assist health districts in on-site wastewater permitting; develop program guidance

materials and ensure statewide consistency.

Program Contacts

Tim Hamlin, EPA (206) 553-1563

Richard Huddleston, IDEQ (208) 373-0561

Program Commitments

Priorities:

- Conduct 53 wastewater land application permit inspections
- Issuance of 33 protective land application permits
- Timely review of annual reports
- National Sanitation Foundation testing protocol established for subsurface drain-field products.

Outcome:

An increase in the percentage of wastewater facilities that meet permit limits in down gradient monitoring wells.

Activity 1.0 Process 33 land application permits by July 1, 2004.

1.1 Approach

All permits will be reviewed. Those permits with limits that are inadequate to protect ground water resources will be priorities to be modified or re-permitted. Priority will be given to those in drinking water source assessment areas, degraded aquifers and industrial sites.

1.2 Outputs

- a. Land application permits.
- b. IDEQ will report progress on the issuance of the permits on a quarterly basis.

1.3 Schedule

Final permits are due by the end of the fiscal year.

1.4 Funding

This Activity is funded by state monies and Federal (EPA) grants including Surface Water 106. The State Program Office, and six Regional Offices will complete this Activity. The projected level of effort is 10,110 person hours (approximately 4.8 work years). Additional monies are available for contract work.

1.5 Contacts

Richard Huddleston, IDEQ (208) 373-0561

Tim Hamlin, EPA (206) 553-1563

Activity 2.0 Provide compliance oversight of land application permitted facilities.

2.1 Approach

Provide oversight of the permit for compliance with permit conditions by conducting field inspections, reviewing annual reports, and reviewing permit compliance activities.

Enforcement and compliance actions are to be performed as needed.

2.2 Outputs

- a. Complete 53 inspection reports, 56 annual report reviews, 43 permit compliance activity reviews, and enforcement documents.
- b. IDEQ will report progress quarterly on the number of inspections completed.

2.3 Schedule

All performance measures will be met by the end of fiscal year.

2.4 Funding

This Activity is funded by state funds and federal (EPA) grant monies including Surface Water 106 funds. Staff located in the Technical Services Division, the State Program Office, and six Regional Offices will complete this Activity. The level of effort projected for this Activity is 5,055 person hours (approximately 2.4 work years). Additional monies are available for contract work.

2.5 Contacts

Tim Hamlin, EPA (206) 553-1563
Richard Huddleston, IDEQ (208) 373-0561

Activity 3.0 Develop program guidance materials and ensure statewide consistency.

3.1 Approach

The State Office will be responsible for developing materials for regional offices to use in implementing the land application program in the field, including direction, guidance, and tracking systems.

3.2 Outputs

- a. Provide guidance on rapid infiltration systems, Ground Water Quality Rule, statistics, phosphorus, total dissolved solids, and pressure irrigation, etc.. Also provide Land Application Training to new and existing staff.
- b. IDEQ will provide copies of any draft or final guidance when requested by EPA.

3.3 Schedule

All performance measures met by end of the State Fiscal Year.

3.4 Funding

This Activity is funded by state funds and federal (EPA) grant monies including Surface Water 106. This Activity will be completed primarily by staff in the State Program Office with support from the Technical Services Division and the six Regional Offices. The level of effort projected for this activity is 5,775 person hours (approximately 2.7 work years). Additional monies are available for contract work.

3.5 Contacts

Tim Hamlin, EPA (206) 553-1563
Richard Huddleston, IDEQ (208) 373-0561

Activity 4.0 Develop program guidance and rules for reuse of reclaimed wastewater.

4.1 Approach

The State Office will be responsible for developing guidance and rules for the reuse of reclaimed wastewater for various uses in the State.

4.2 Outputs

- a. Develop rules for reuse of reclaimed wastewater.
- b. Develop guidance on implementing the Reuse rules.
- c. IDEQ will provide copies of any draft or final guidance or rules when requested by EPA.

4.3 Schedule

All performance measures met by end of the State Fiscal Year.

4.4 Funding

This Activity is funded by State and the Federal (EPA) 104(b)(3) grant monies. This Activity will be completed principally by staff in the State Office with support from the Technical Services Division and the six Regional Offices. The level of effort projected for this activity is 1,000 person hours (approximately 0.5 work years).

4.5 Contacts

Tim Hamlin, EPA (206) 553-1563
Richard Huddleston, IDEQ (208) 373-0561

Activity 5.0 Develop program guidance for microbial risk assessments at wastewater land application facilities, biosolids land application sites, and confined animal feeding operations (CAFO)s.

5.1 Approach

The State Office will be responsible for developing guidance on the feasibility and procedures for performing microbial risk assessments. Additional assistance may be needed from outside consultants.

5.2 Outputs

- a. Develop written procedures for performing microbial risk assessments.
- b. Develop guidance on implementing the procedures.
- c. IDEQ will provide copies of the completed or draft procedures when requested by EPA.

5.3 Schedule

All performance measures will be met by end of fiscal year.

5.4 Funding

This Activity is funded by State and Federal (EPA) 104(b)(3) grant monies. This Activity will be completed primarily by staff in the State Office with support from the Technical Services Division and the six Regional Offices. The level of effort projected for this

Activity is 1,000 person hours (approximately 0.5 work years).

5.5 Contacts

Tim Hamlin, EPA (206) 553-1563

Richard Huddleston, IDEQ (208) 373-0561

Activity 6.0 Manage the on-site wastewater program including revisions to the Technical Guidance Manual, assist the District Health Departments in issuing on-site permits, and review large systems plans and specifications, and perform Nutrient-Pathogen studies.

6.1 Approach

The State Office will provide guidance materials and overall management activities related to this program. The Regional Offices will be responsible for plan and specification reviews and Nutrient-Pathogen studies.

6.2 Outputs

- a. Revise Technical Guidance Manual.
- b. Large system plan approvals.
- c. Review of Nutrient-Pathogen studies.

6.3 Schedule

Activities will be completed on an as needed basis. Plan and specifications and Nutrient-Pathogen studies within 30 days of submittal if possible.

6.4 Funding

2,184 hours from the Federal (EPA) 604(b) grant (approximately 1.05 work years).

6.5 Contacts

Tim Hamlin, EPA (206) 553-1563

Richard Huddleston, IDEQ (208) 373-0561

Activity 7.0 Component Commitments

7.1 EPA Commitments

- Communicate annually with IDEQ's Land Application Program to identify issues and opportunities for collaboration, including the possibility of obtaining technical assistance and funding for targeted research.
- Encourage the use of land application of wastewater where it is an environmentally preferable alternative to wastewater discharge to surface water.

COMPONENT 3: Ground Water Program

Program Goal

The goal of the IDEQ Ground Water Protection Program is to maintain the quality of the State's ground

water to satisfy existing and future beneficial uses including drinking water, agricultural, industrial and aquaculture water supplies. All ground water is to be protected as a valuable public resource against contamination as per Idaho's Ground Water Quality Rule IDAPA 58.01.11. The quality of degraded ground water is to be restored where feasible and appropriate to support designated beneficial uses.

Activities

- Coordinate all Ground Water related programs that EPA provides funding for in Idaho; implement restoration or other management plans in priority areas of the State; develop guidance on Ground Water Quality Rule interpretation; produce a groundwater vulnerability map for use for various land uses.
- Perform other Ground Water Program related activities (AG GW Protection Program implementation, program reporting, rule interpretation and implementation, management policy development and implementation, public education and outreach, regional/local GW monitoring and program implementation, etc.).

Program Contacts

Tim Hamlin, EPA (206) 553-1563

Rick Huddleston, IDEQ (208) 373-0561

Program Commitments

Program Priorities:

- Develop and implement a strategic plan to promote adoption of BMPs for ground water protection.
- Prepare comprehensive 2004 Integrated Report for Ground Water.
- Continue ground water monitoring in nitrate degraded areas throughout the State to determine the nature and extent of contamination and to set a baseline for BMP effectiveness. Investigate feasibility of vadose zone monitoring for evaluating BMP effectiveness.
- Develop ground water management plans for addressing nitrate concerns in the Lewiston and the Weiser areas and continue support to and facilitation of implementation of the Twin Falls County Ground Water Management Plan (inclusive of the Salmon Falls/Rock Creek Nitrate area).
- IDEQ will continue to implement the Ground Water Quality Rule with other designated agencies through its role as chair of the Idaho Ground Water Monitoring Committee and its participation in both the Idaho Department of Agriculture, Ground Water Coordination Committee and the Idaho Department of Water Resources, Water Planning Coordination Committee.

Outcomes:

- Decreasing concentrations of nitrate contamination in aquifers located within designated degraded areas of the State.
- An increase in the number of aquifers meeting Idaho ground water standards.

Program Indicator:

Number of restoration plans implemented in degraded ground water areas.

Activity 1.0 EPA provides grants and cooperative agreements to a number of entities in Idaho. Coordinate all Ground Water related programs in Idaho that EPA provides funding

for.

1.1 Approach

Coordinate EPA funded, multi-entity, ground water quality related activities in Idaho to achieve efficiencies in the overall ground water protection program.

1.2 Funding

This Activity will depend on EPA coordination of efforts of Idaho entities funded by EPA grants including Ground Water 106 funds and cooperative agreements. IDEQ staff working on this Activity will consist of program managers and technical lead persons at a level of 3,900 hours (approximately 1.8 work years).

1.3 Schedule

Interagency coordination meetings to be held quarterly. Meet at least once face-to-face with EPA each year.

1.4 Contacts

Eric Winiecki, EPA (206) 553-6904
Richard Huddleston, IDEQ (208) 373-0561

Activity 2.0 Implement restoration or other management plans in priority areas of the State.

2.1 Approach

IDEQ will work with the public and relevant agencies in the area to develop management strategies. IDEQ has initiated ground water quality management activities in the Scott Creek/Mann Creek nitrate priority area located in the Boise region. Additionally, IDEQ will begin similar efforts this fiscal year in the Camas Prairie nitrate priority area (Lewiston Regional Office), Burley / Marsh Creek and Rupert priority areas (Twin Falls Regional Office).

2.2 Resources

IDEQ and other agencies will examine ongoing and planned activities in the area to determine if these can be incorporated into a final restoration strategy. IDEQ, when appropriate, may request the formation of an advisory committee, or may utilize an existing advisory group to provide a recommendation regarding the development of management strategies.

2.3 Outputs

- a. Plans that are consistent with the Idaho Ground Water Quality Plan and Ground Water Quality Rule and contain effective strategies for the restoration of the degraded areas.
- b. Final or draft reports upon request by EPA by June 30, 2004.

2.4 Schedule

The Lewiston and Twin Falls Regional offices are currently soliciting interest regarding formation of ground water coordination committees in their respective regions. The

schedule for final plan development is predicated upon level of interest and involvement of the anticipated committees.

2.5 Funding

These Activities are funded with a combination of CWA 319 grant funds and state resources. It is estimated that these Activities will require approximately 5,420 person hours (equivalent to 2.6 work years) in the Regional Offices, Technical Services Division, and State Office.

2.6 Contacts

Eric Winiecki, EPA (206) 553-6904
Richard Huddleston, IDEQ (208) 373-0561

Activity 3.0 Ground Water Programmatic Related Activities (AG GW Protection Program Implementation, program reporting, rule interpretation and implementation, management policy development and implementation, public education and outreach, regional/local GW monitoring and program implementation, etc.).

3.1 Approach

Continue management of Idaho's Ground Water Quality Program. Coordinate IDEQ Regional Offices and State Office in the area of Ground Water Rule interpretation and implementation. Participate in the implementation of the Agricultural Ground Water Protection Program portion of the Ground Water Quality Plan.

3.2 Outputs

- a. Research and document, in a report the extent of arsenic occurrence throughout the State.
- b. Provide a guidance document to Idaho Department of Water Resources regarding requirements for monitoring in the vicinity of surface water recharge to ground water projects.
- c. Prepare semiannual reports to EPA and assist in preparing and submitting input for IDEQ Performance Indicators, Strategic Plan/or IDEQ State of the Environment Report.
- d. Provide informational presentations and respond to technical assistance and public information requests.
- e. Develop strategic plan to implement BMPs for ground water protection.
- f. Commence development of guidance document for interpretation of the Ground Water Quality Rule.
- g. Develop GIS mapping coverage for vulnerable ground water areas.

3.3 Schedule

Complete all projects by June 30, 2004.

3.4 Funding

This Activity is funded with state Ground Water monies and Ground Water 106 funds, and will support approximately 8,226 person hours (equivalent to 4 work years) from the State Office and Technical Services.

3.5 Contacts

Eric Winiecki, EPA (206) 553-6904
Richard Huddleston, IDEQ (208) 373-0561

Activity 4.0 Component Commitments

4.1 IDEQ and EPA Commitments

- Meet annually to review ground water program progress.
- Continue to improve and maintain the quality of ground water in Idaho and seek additional resources to implement actions to accomplish that goal.
- Increase coordination and communication across program boundaries.
- Focus additional resources in prioritized areas with significant ground water quality degradation.

COMPONENT 4: NPDES Program

Program Goal

The goal of the National Pollutant Discharge Elimination System (NPDES) Program is to maintain or improve the surface waters of the state. EPA currently retains primacy for the NPDES Program in Idaho. EPA is responsible for the permitting and enforcement of all NPDES permits. IDEQ is responsible for the water quality certification of all permits and performance of a number of inspections per year for EPA, as negotiated. IDEQ conducted approximately 50 NPDES inspections last year. IDEQ will continue evaluating the feasibility of assuming primacy of this program and, with the assistance of a stakeholder steering committee, determining if it is in the best interest of the state to do so.

Activities

- Continue to evaluate and seek final delegation of primacy for the NPDES program; Perform NPDES inspections; Certify NPDES permits, and review plans and specifications for wastewater facilities construction; Perform Biosolids Coordination; Conduct Storm Water Phase II implementation, training, and outreach; and facilitate Watershed TMDL Point Source Planning.

Program Contacts

Bob Robichaud, EPA (206) 553-1448
Kimberly Ogle, EPA (206) 553-0955
Richard Huddleston, IDEQ (208) 373-0561

Program Commitments

Program Priorities:

- Complete approximately 50 NPDES inspections this year.
- Obtain EPA's list of NPDES permits planned for issuance during SFY 2004 and utilize to complete 401 Certifications.

- Continue to evaluate and seek final delegation of primacy for the NPDES program. Meet MOU responsibilities for dairy operations and beef cattle feeding facilities.

Program Indicator:

- Progress towards delegation of program primacy.
- Number of NPDES inspections completed.

Activity 1.0 Evaluate NPDES program primacy assumption and pass enabling legislation.

1.1 Approach

A draft approach for an Idaho NPDES program was created by interested parties including mining, timber, agricultural, industrial, municipal, regulatory, and environmental groups. Funding options were also evaluated including program and regulatory concerns. The decision has been made to move forward with appropriate legislation. The interested parties supported delegation.

1.2 Outputs

- a. An approved CPP. (See Component 1, Program Commitments)
- b. Submittal of draft legislation to EPA for review.
- c. Introduction of legislation.

1.3 Schedule

Legislation will be introduced to the 2004 Idaho Legislature. The CPP will be developed and submitted by June 2004.

1.4 Funding

This activity is funded by federal 104(b)3 grant funds. It is anticipated that a potential future state NPDES Primacy Program would be funded by a combination of State General Fund monies, federal grant funds, and fees paid by the regulated community. In SFY 2004, 280 person hours (approximately 0.14 work years) will be devoted to this effort.

1.5 Contacts

Bob Robichaud, EPA (206) 553-1448
Kimberly Ogle, EPA (206) 553-0955
Richard Huddleston, IDEQ (208) 373-0561

Activity 2.0 Perform NPDES inspections, certify NPDES permits, and review plans and specifications for wastewater facilities construction.

2.1 Approach

Assist in improving surface waters of the state, IDEQ will perform inspection tasks for EPA, provide water quality certifications, and review plans. For the term of this PPA, IDEQ will build storm water inspection capacity through on-the-job training and observation of EPA-conducted storm water inspections. This will provide opportunities for performance partnering/capacity building in the storm water inspection arena in

accordance with national priorities.

2.2 Outputs

- a. Inspection Reports: a negotiated list of NPDES inspections to be completed by IDEQ and the quarter in which each inspection will be completed. The negotiated IDEQ inspection list will be finalized by July 1 each year.
- b. Pre-certifications as appropriate and 401 certifications.
- c. Plan approval letters.
- d. Provide quarterly reports that include a list of inspections done, and a list of inspection reports completed during the quarter. The lists must include the facility name, permit number and inspection date.

2.3 Schedule

Plans will be reviewed within 30 days, certifications within 30 days, inspections within the quarter scheduled, and inspections reports within 45 days of the end of the quarter in which the inspection was completed.

2.4 Funding

This activity will be funded by State and EPA grant monies including Surface Water 106 funds. Staff located in Technical Services, the State Office, and six Regional Offices will complete this Activity. The level of effort projected for this Activity is 18,500 person hours (approximately 8.9 work years). Additional monies are available for contract work.

2.5 Contacts

Bob Robichaud, EPA (206) 553-1448
Kimberly Ogle, EPA (206) 553-0955
Richard Huddleston, IDEQ (208) 373-0561

Activity 3.0 Biosolids Coordination.

3.1 Approach

Improve coordination of biosolids programs with EPA, other state agencies, and the regulated community. Currently, biosolids in Idaho are regulated by EPA through 40 CFR Part 503, and by the IDEQ through IDAPA 58.01.02, Water Quality Standards and Wastewater Treatment Requirements. Biosolids generators and land appliers are regulated by two agencies with different requirements. More effort is required in Idaho to determine the extent of biosolids generation, to gain experience with EPA rules and permits through participation in the biosolids general permit development and implementation, provide updated rules and guidance, provide inspections, and train affected personnel in proper biosolids treatment and handling to meet the requirements of the IDEQ and EPA. This activity is a continuation of work started last State fiscal year.

3.2 Outputs

- a. Establish a database of biosolids generators and land applicators.
- b. Update Idaho rules and guidance regarding biosolids in Idaho.
- c. State Program Office will provide training to Regional Office staff and regulated

community on updated Idaho rules and guidance documents and/or EPA rules and permits.

- d. Establish a plan to assist EPA in the development and implementation of the biosolids general permit to assure comprehensive coverage and consistent inspections (e.g., assuring coverage).
- e. Establish a plan to assist EPA in implementing and issuing the permit (e.g., inspections at biosolids facilities and sites).
- f. Training IDEQ staff on EPA biosolids program.

3.3 Schedule

Outputs listed in 3.2 will be completed by June 30, 2004.

3.4 Funding

Activity 3.0 is contingent on funding through a federal 104(b)3 grant. In SFY 2004, 500 hours of staff time (approximately 0.2 work years) will be devoted to this effort.

3.5 Contact

Richard Huddleston, IDEQ (208) 373-0561
Bob Robichaud, EPA (206) 553-1448

Activity 4.0 Storm Water Phase II implementation, training, and outreach.

4.1 Approach

EPA is responsible for implementing the Phase II storm water program for small municipal storm sewer systems (i.e. issuing permits, conducting outreach to affected parties, etc); however, EPA cannot accomplish this implementation without the help and assistance of various IDEQ water program offices. Through this PPA, EPA and IDEQ will partner together to support the development of a construction & MS4 general permit program in Idaho. This cooperative effort will help improve ground water and surface water quality by interagency cooperation and by working with communities, organizations, and watershed advisory groups to assist them with the development of local storm water programmatic control measures.

4.2 Outputs

EPA and IDEQ will cooperatively develop an implementation plan identifying specific requirements and activities for the Phase II Construction and MS4 Permit programs. Activities may include but are not limited to:

- provision of "Storm Water Management Techniques" training or outreach
- promotion of the IDEQ Catalogue of Storm Water BMPs
- identification of model local storm water ordinances, guidelines, and/or standards for use within Idaho
- coordination with MS4 applicants and/or existing watershed and public advisory groups on storm water issues
- coordination and facilitation regarding development of TMDLs and the MS4 General Permit

This plan will be submitted to EPA & IDEQ administrators for final approval prior to implementation.

4.3 Schedule

The Implementation Plan will be developed by August 29, 2003 and utilized over the remaining 10 months of SFY 2004.

4.4 Funding

This activity will be funded by the Federal 104(b)(3) grant. Approximately 500 hours of staff time (equivalent to 0.24 work years) will be devoted to this effort in SFY 2004.

4.5 Contacts

Bob Robichaud, EPA (206) 553-1448
Kimberly Ogle, EPA (206) 553-0955
Richard Huddleston, IDEQ (208) 373-0561

Activity 5.0 Watershed TMDL Point Source Planning.

5.1 Approach

Assist point source wastewater dischargers in their long term TMDL planning efforts. Dischargers, within individual watersheds, will assess existing technology, discuss potential control methods, and determine schedules to meet new TMDL load allocations. Additionally, the effort would emphasize communication between “dischargers” and TMDL writers. The DEQ contact would act as a “liaison” between these parties, making the dischargers more aware of their future requirements, and providing for more direct participation in the distribution of (or trading) the TMDL effluent limitations. This effort would be further focused on the smaller municipal dischargers, of whose systems face overload or other capacity limiting and/or effluent quality problems prior to increased stringency.

5.2 Outputs

- a. Identify and contact Point Source Dischargers with small flows within one or more separate watersheds. During CY 2003-2004 there are sixteen sub-basins in Idaho having TMDL work being done. The scoping of this project will be focused on helping as many dischargers in one or two basins as possible for the dollars available. Arrange and perform tours of each facility to determine its present capacity and problem areas. Act as liaison for communication between dischargers and TMDL writers.
- b. Prepare a draft report for each of the project watersheds discussing existing loads from these point sources, anticipated ranges of TMDLs, and possible improvements for each facility to meet the future TMDLs.

5.3 Schedule

Identification and selection of point source dischargers through scoping activities by December 2003. Perform tours of selected facilities and prepare a report covering existing loads from selected point sources, anticipated ranges of TMDLs, and possible improvements for each facility by June 2004.

5.4 Funding

This activity is contingent on securing funding through a Federal 104(b)3 grant. In SFY 2004, 420 hours of Technical Services staff time (approximately 0.2 work years) will be devoted to this effort.

5.5 Contact

Rick Huddleston, IDEQ (208) 373-0561

Activity 6.0 Develop program materials for wastewater facilities security.

6.1 Approach

The State Office will be responsible for developing materials for wastewater facilities to use in making their facility more secure.

6.2 Outputs

- a. Develop a database of wastewater facilities including NPDES, Wastewater Land Application, Subsurface, collection-only systems, and total containment. Contact information will include fast response systems.
- b. Develop an informational brochure for use by the facilities.
- c. Provide security-training workshops to facilities throughout the State.

6.3 Schedule

All performance measures met by end of SFY 2004.

6.4 Funding

This Activity is to be funded by Federal EPA §104 (b)(3) grant monies. The staff in the State Office, with support from Technical Services Division and the six regional offices, will complete this Activity. The level of effort projected for this activity is 750 person hours (approximately 0.3 work years).

6.5 Contacts

Richard Huddleston, IDEQ (208) 373-0561

Activity 7.0 Component Commitments

7.1 EPA Commitments

- EPA will provide timely review of draft NPDES primacy legislation.
- Provide technical assistance in biosolids issues.
- Working with IDEQ in the determination of the SFY 2004 annual inspection schedule by July 1, 2004.
- Implement its 3 year operating plan (CY2003- CY2005) to reduce the backlog of expired permits and to issue permits to New Sources. This plan, with the list of

targeted permits, will be shared with IDEQ and will be updated yearly so that IDEQ can properly manage its 401-certification responsibilities. The backlog target should be maintained and has been set to achieve 10% for all facilities by the end of CY2004.

- Work with IDEQ and stakeholders to finalize permit language for water quality trading.
- Utilize IDEQ staff in assisting with the development of 1 NPDES permit.
- Assist in identifying or providing NPDES Permit Writer Training for 10 IDEQ staff.
- Proceed with issuance of general permits for: small municipal wastewater, construction storm water, small municipal storm water, and biosolids for Idaho sources.

7.2 IDEQ Commitments

- Continue to review dairy operations and beef cattle feeding facilities pursuant to applicable Memorandums of Understanding (MOU)s.

COMPONENT 5: Drinking Water and Wastewater Loan Programs

Program Goal

Improve environmental protection and public health through construction, operation, maintenance and management of drinking water and water pollution treatment facilities to maintain the longest useful life of the facilities.

Activities

- Manage the Drinking Water and Water Pollution Control Loan Programs; Fund Nonpoint Source Projects; Manage the State Grant Programs for Drinking Water Projects & Wastewater Projects; Manage STAG and 205(g) Funded Projects; and Operator Expense Reimbursement Grant Program.

Program Contacts

Rick Green, Drinking Water, EPA (206) 553-8504

Dan Steinborn, Wastewater, EPA (206) 553-2728

Bill Jerrel, IDEQ (208) 373-0400

Program Commitments

Program Priorities:

- Issue 20 planning grants and \$22 million dollars in loans to improve drinking water system infrastructure. IDEQ currently has \$4.4 M in application requests "in-hand" for SFY 2004.
- Issue 10 planning grants and \$39 million dollars in loans to improve wastewater system infrastructure.
- Issue nonpoint source loans for purposes that could include municipal storm water management, and agricultural activities. Coordinate with §319 Nonpoint Source Program and TMDL Program.
- Update the Operating Agreement for the Water Pollution Control State Revolving Fund (SRF).

- Complete an administrative fee proposal for the Water Pollution Control Revolving Fund to be submitted to the 2004 Idaho Legislature for consideration.

Activity 1.0 Management of the Drinking Water and Wastewater Loan Programs.

1.1 Approach

For each loan program, execute loan commitments for at least an amount equal to that required and defined in federal statute. Maintain correct federal and state funding ratios by drawing federal funds for each loan program in the proper proportional amounts.

1.2 Outputs

- Negotiate loan agreements regarding projects listed on the Intended Use Plans, in an amount no less than that required by federal statute.
- Prepare Annual Reports for Water Pollution Control State Revolving Fund (SRF) and Drinking Water SRF.
- Complete an administrative fee proposal for the Water Pollution Control Revolving Fund submitted to the 2004 Idaho Legislature for consideration.

1.3 Schedule

Loans are negotiated throughout the fiscal year, which ends June 30. The Water Pollution Control SRF and the Drinking Water SRF Annual Reports are due September 30 each year

1.4 Funding

This activity will be funded entirely by the 4% administrative set-aside portion of both SRFs. In SFY 2004, approximately 10,488 person hours (equivalent to 5.0 work years) will be budgeted to the SRFs. This includes State Office, Technical Services and Regional Office staff. A limited amount of contract funds will be used to promote the drinking water loan program.

1.5 Contacts

Bill Jerrel, IDEQ (208) 373-0400
Rick Green, Drinking Water, EPA (206) 553-8504
Dan Steinborn, Wastewater, EPA (206) 553-2728

Activity 2.0 Funding Nonpoint Source Projects.

2.1 Outputs

A priority list for FY 2004 has been prepared and put out for public comment, but it has no nonpoint source projects on it.

2.2 Schedule

The Board of Environmental Quality will approve the priority list by June 30, 2003.

2.3 Funding

A very limited amount of funds will be spent by IDEQ to complete the existing project that was funded with an SRF loan. IDEQ staff time charged for making nonpoint source project loans will be charged against the 4% CWSRF set-aside for administration.

2.4 Contacts

Bill Jerrel, IDEQ (208) 373-0400
Dan Steinborn, EPA (206) 553-2728

Activity 3.0 Planning Grant Programs for Drinking Water Projects & Wastewater Projects.

3.1 Approach

Develop annual priority lists of wastewater and drinking water projects. Wastewater grants issued under this program utilize State funds. Beginning this fiscal year, planning grants for drinking water projects will utilize funding from the Technical Assistance to Small Systems [1452(g)(2)] DWSRF Set-Aside.

3.2 Outputs

- a. Priority lists of projects, by June 30.
- b. Thirty (30) potential applicants are expected to submit grant applications during SFY 2004.
- c. Reporting for any DWSRF Set-Aside expenditures for this activity will be provided via the DWSRF program annual report.

3.3 Schedule

Grants are negotiated throughout the State fiscal year, which ends June 30.

3.4 Funding

Funding for staff that work in the grant programs are provided through State General Funds. 7,277 person hours (approximately 3.5 work years) statewide has been budgeted in SFY 2004.

3.5 Contact

Bill Jerrel, IDEQ (208) 373-0400
Rick Green, EPA (206) 553-8504

Activity 4.0 Manage STAG and 205(g) Funded Projects

4.1 Outputs

Process reimbursement requests, review change orders, conduct project inspections and prepare closeout packages, as detailed in the 2003 STAG 205(g) grant award (scope of work) documents.

- 4.2 Funding
Funding for IDEQ staff time for administration and oversight of these EPA wastewater and drinking water construction grant projects will come from the 3% set-aside monies in the respective grants awarded to IDEQ. 4,367 person hours (approximately 2.1 work years) have been budgeted for these activities in SFY 2004.
- 4.3 Contacts
Mike Silverman EPA-I00 (208) 378-5746
Bill Jerrel, IDEQ (208) 373-0400

Activity 5.0 Manage Operator Expense Reimbursement Program

- 5.1 Outputs
Award 2 contracts for training of very small drinking water system operators. Establish a coordinated operator training calendar.
- 5.2 Funding
Funding for IDEQ staff will come from the administrative allowance in the grant. 2,260 person hours (approximately 1.1 work years) have been budgeted for SFY 2004.
- 5.3 Contacts
Bill Jerrel, IDEQ (208) 373-0400
Bill Chamberlain, EPA (206) 553-8515

Activity 6.0 Component Commitments

- 6.1 IDEQ Commitments
- Follow all terms and conditions outlined in the Operating Agreements, yearly capitalization grant agreements, federal statutes, regulations and published national guidance and policies for both SRF Loan Programs.
 - Submit annual SRF reports to EPA as required.
 - Annual development, review and modification of the Intended Use Plans for both SRF Loan Programs.
 - Draft legislation to allow funding administrative costs in excess of 4% of the capitalization grant, using an interest/loan-servicing fee.
 - Pursue process for funding non-point source loans (i.e. agricultural and storm water).
- 6.2 EPA Commitments
- Conduct timely annual reviews of both SRF loan programs.
 - Provide IDEQ with advice and consultation as requested and updated program guidance from EPA Headquarters as it becomes available.
 - Provide timely, informative, and accurate advice regarding SRF program implementation and development questions from IDEQ.

COMPONENT 6: Safe Drinking Water Program

Program Goal

The goal of the IDEQ Safe Drinking Water Program is to protect drinking water sources and ensure safe drinking water for all Idahoans.

Activities

- Report data to EPA using SDWIS/State; Submit primacy applications for, and implement requirements of, new state rules; continue to conduct final ground water under the direct influence of surface water (GWUDI) determinations; address compliance for surface water systems; conduct sanitary surveys; make monitoring frequency determinations; implement Compliance Strategy; continue to implement Capacity Development Strategy; perform Plan and Specification Review; ensure Optimal Corrosion Control Implementation and Cross Connection and Back-flow Prevention; maintain Laboratory Certification Program; provide assistance re: Consumer Confidence Reports; Submit Annual Compliance Report; and provide information, consultation and training regarding public drinking water system security. Ensure Drinking Water Protection, and administer the Drinking Water Operator Certification Program.

Program Contacts

Craig Paulsen, Acting Unit Manager, EPA (206) 553-1893
Lance Nielsen, IDEQ (208) 373-0291

Program Commitments

Priorities:

- Perform sanitary survey inspections on about 20 percent of the PWSs (approximately 422).
- Provide technical assistance to the smaller, least capable PWSs regarding proper operation and maintenance.
- Provide ongoing training to operators to help develop self-sufficiency and capacity.
- Submit primacy applications for Long Term 1 Enhanced Surface Water Treatment and Filter Backwash Recycling Rule as required for program primacy.
- Implement newly promulgated Public Notification and Consumer Confidence Rule (CCR), Stage 1 DBP Rule, Filter Backwash Recycling Rule, Long Term 1 Enhanced Surface Water Treatment Rule, and Radionuclides Rule.
- Perform 955 plan and specification reviews.
- Perform 182 GWUDI determinations.
- Continue to implement SDWIS/State Version 8.0; improve automated functions, user interface, and data analysis capabilities.
- Revise and implement Drinking Water Compliance Strategy.
- Assess, with respect to source water vulnerability, approximately 84 community and non-community, non-transient and 30 non-community transient drinking water sources during SFY 2004.
- Develop Drinking Water Protection Plans for selected public water systems that have completed the Source Water Assessment process.
- Develop 3 consensus-derived Regional Protection Plans for the protection of drinking water within

areas that include delineated public water systems and involve multiple stakeholders.

- Assist communities in implementing drinking water protection activities, including drinking water protection projects, and the promotion of public education efforts with respect to protecting sources of drinking water.
- Make source water assessment and protection information available to appropriate entities to facilitate planning efforts.
- Facilitate committee meetings and assist in the written preparation of 19 state-certified PWS Drinking Water Protection Plans.
- Integrate results from the Source Water Assessment Program with those of the TMDL and Ground Water Programs to identify areas of concern with respect to real or potential degradation of ground water quality.
- Identify, initiate, and oversee implementation of two watershed enhancement projects.
- Continue with source water assessment efforts on all new public water sources.

Public Health Objectives:

1. Timely response to public health incidents.
2. Maintain Primacy as a means of protecting public health.
 - a. Reporting and data migration using State Program Management [1452(g)(2)] Drinking Water State Revolving Fund (DWSRF) Set-Aside funds.
 - b. Primacy applications for new federal rules.
 - c. Conduct GWUDI determinations.
 - d. Ensure compliance for surface water systems.
 - e. Ensure optimal corrosion control implementation.
 - f. Maintain a laboratory certification program.
 - g. Implement various rules including but not limited to, Public Notification, Stage 1 DBP, and IESWTR.
3. Maintain public health protection through public water system compliance.
 - a. Conduct Sanitary Surveys.
 - b. Make monitoring frequency determinations including waivers.
 - c. Implement compliance strategy.
 - d. Implement capacity development rules.
 - e. Utilize SDWIS/State "Alert Reports" for quick identification of public health concerns (e.g. acute bacte, nitrate MCL, etc.).
4. Conduct plan and specification review for new systems or changes to existing systems.
5. Assess and protect drinking water source waters and develop Integrated Watershed Management Project related to drinking water activities (Please see "Integrated Watershed Management Program" portion of this PPA).
6. Implement operator certification rules .
7. Evaluate and issue DWSRF loans (Please see "Drinking Water and Wastewater Loan Programs" portion of this PPA).
8. Maintain the back-flow and cross connection program.
9. Coordinate operator certification training (Please see "Drinking Water and Wastewater Loan Programs" portion of this PPA).
10. As of May 2003, IDEQ met its original commitment to the EPA by completing Source Water Assessment Plans for all public drinking water sources as identified in IDEQ's EPA-approved Idaho Source Water Assessment Plan (SWAP), which included all active PWS sources in Idaho as of November 1, 1999. By the end of SFY 2005, IDEQ plans to assist approximately 20% of those

systems in implementing drinking water protection activities. This is a five-year goal and extends beyond the period covered by this PPA. PPA program measures and activities address only those activities planned for SFY 2004 (July 1, 2003 – June 30, 2004). In addition, IDEQ will continue to assess all new public drinking water sources, and all additional active PWS sources not included in IDEQ's original EPA-approved work plan.

Outcome:

- Absence of reported waterborne illness caused by contamination in public water systems,
- Improving trend of source water quality as a result of drinking water protection activities and ongoing assessment efforts.

Program Indicator:

- The percent of systems that are not SNC exceptions, (e.g., for microbial and chemical rules),
- The percent of public drinking water systems employing drinking water protection activities,
- The number of watershed enhancement projects proposed and/or initiated.

Activity 1.0 Data reporting to EPA using SDWIS/State.

1.1 Approach

- Quarterly primacy uploads to EPA
- Continued implementation and support for SDWIS/State version 8.0.4 or later
- QA/QC with data cleanup where necessary

1.2 Outputs

- a. See 1.1 Approach and State Program Management [1452(g)(2)] DWSRF Set-Aside work plan for additional details.
- b. Reliable data in the database.
- c. Improved accessibility of essential data to users.
- d. Status reports will consist of quarterly uploads as referenced above.
- e. Reporting for this activity will be provided via the DWSRF program annual report.

1.3 Schedule

- a. Chemical violations reporting for CY2003 will be submitted in May 2004.
- b. Other actions will be submitted in time for SDWIS/Fed to process them into the proper quarter.

1.4 Funding

State Program Management [1452(g)(2)] DWSRF Set-Aside funds. 14,000 person hours (approximately 6.7 work years).

1.5 Contacts

Howard Woods, IDEQ (208) 373-0275
Jane Schuster, EPA (206) 553-1096
Rick Green, EPA (206) 553-8504

Activity 2.0 Submit primacy applications for, and implement requirements of, new state rules

2.1 Approach

Promulgate state rules and develop guidance as needed to maintain full drinking water primacy authority. State rule promulgation and guidance can not commence until after the corresponding federal rule is adopted. Any of the dates which follow may need to be modified to reflect the timing of federal rule promulgation. IDEQ implementation dates, which are tied to federal rule promulgation dates, will be adjusted to reflect delays in federal implementation dates).

2.2 Outputs

- a. Submit the following primacy packages:
 - Drinking Water Operator Certification Rule & Revision (June 2004)
- b. Initiate guidance development:
 - Public Notification
 - Consumer Confidence Rule
 - Arsenic Rule
 - Ground Water rule
 - Stage 2 DBP
 - LT2 SWTR
- c. Coordination of Arsenic Exemption Application
- d. Review and comment on federal rules as needed.
- e. Promulgate final state rules by April 1, 2004 for Operator Certification Rule.
- f. Implement requirements of new rules (PN, CCR, Rads, Stage 1 DBP, LT1, FBRR, and IESWTR).
- g. No additional reporting is required on these activities other than submitting written comments and approved rule packages after legislative approval.

2.3 Schedule

See 2.2 Outputs.

2.4 Funding

PWSS funding-base grant. Completion of Activity 2 is dependent upon having adequate resources to implement the expanding regulatory scope of the Safe Drinking Water Program. 10,000 person hours (approximately 4.8 work years).

2.6 Contacts

Troy Thrall, IDEQ (208) 373-0175 re: Lead & Copper Rules
Howard Woods, IDEQ (208) 373-0275 re: Data Management for All Rules
Tom John, IDEQ (208) 373-0191 re: IESWTR and Stage IDBP, GWR, LT1, and FBR Rules
Tom Aucutt, IDEQ (208) 373-0269 re: Consumer Confidence and Public Notification Rules
Jerri Henry, IDEQ (208) 373-0471 re: Radionuclides, Arsenic, Radon, and Phase II & V Chemicals
Wendy Marshall, EPA (206) 553-1890 re: IESWTR, Stage 1 DBP, LT1, CCR, PN, Lead & Copper, and Variance and Exemptions
Gene Taylor, EPA (206) 553-1389 re: Radionuclides, Arsenic, Phase II & V Chemicals,

Radon, and GWR
Bill Chamberlain, EPA (206) 553-8515 re: FBR

Activity 3.0 Conduct final GWUDI Determinations.

- 3.1 Approach
Continue to complete GWUDI determinations during SFY 2004 (See Public Health Objective # 2).
- 3.2 Outputs
 - a. 182 final GWUDI determinations.
 - b. List of systems determined to be GWUDI.
 - c. Quarterly reporting on the status of final GWUDI determinations.
- 3.3 Schedule
Annually.
- 3.4 Funding
Base program funded – PWSS. 1,500 person hours (approximately 0.7 work years) plus Health District contractors.
- 3.5 Contacts
Tom John, IDEQ (208) 373-0191
Rick Green, EPA (206) 553-8504
Shannon Cooper, EPA (206) 553-2582

Activity 4.0 Address compliance for surface water systems.

- 4.1 Approach
Address the existing list of surface water systems by requiring systems to (a) install filtration, (b) operate under a state or EPA compliance order, or (c) meet applicable avoidance criteria.
- 4.2 Outputs
Annual updates of SW systems into SDWIS, and/or maintenance of regularly updated list of all SW systems' status.
- 4.3 Schedule
Annually.
- 4.4 Funding
Base program funded – PWSS. 500 person hours (approximately 0.2 work years).
- 4.5 Contacts
Tom John, IDEQ (208) 373-0191
Rick Green, EPA (206) 553-8504
Shannon Cooper, EPA (206) 553-2582

Activity 5.0 Conduct Sanitary Surveys.

5.1 Approach

Conduct enhanced sanitary surveys on approximately 20% of 2,056 regulated public water systems during SFY 2004 (Objective #3).

5.2 Outputs

- a. 422 Sanitary Surveys annually.
- b. Quarterly list of all sanitary surveys completed (broken down by surface water and ground water) and quarterly reporting on status of surveys completed.
- c. Reporting for any DWSRF Set-Aside expenditures for this activity will be provided via the DWSRF program annual report.

5.3 Schedule

Annually.

5.4 Funding

Base program – PWSS, and Local Assistance and other State Programs [1452(k)(1)] DWSRF Set-Aside funds. 5600 person hours (approximately 2.7 work years) plus health district contractors.

5.5 Contacts

Tom John, IDEQ (208) 373-0191
Chris Lavelle, IDEQ (208) 373-0486
Shannon Cooper, EPA, (206) 553-2582
Bill Chamberlain, EPA (206) 553-8515
Rick Green, EPA (206) 553-8504

Activity 6.0 Make monitoring frequency determinations.

6.1 Approach

Minimal activity in SFY 2004.

6.2 Outputs

10 determinations.

6.3 Schedule

See 6.1 Approach.

6.4 Funding

Base program - PWSS funded. 700 person hours (approximately 0.3 work years) plus Health District contract support.

6.5 Contacts

Jerri Henry, IDEQ (208) 373-0471
Shannon Cooper, EPA (206) 553-2582
Gene Taylor, EPA (206) 553-1389

Activity 7.0 Implement Compliance Strategy.

7.1 Approach

State will implement steps in compliance strategy (Currently under revision). During SFY 2004, at least 94% of Idaho's community public drinking water systems will receive water meeting all health-based standards and 100% of SNC exceptions will be addressed (See Public Health Objective #3).

7.2 Outputs

- a. Appropriate compliance and enforcement responses to all SNCs.
- b. Coordinate quarterly SNC meetings. Participate in SNC conferences and provide written quarterly report summarizing compliance and enforcement activities.
- c. Generate quarterly SNC summary report based on discussions at SNC meetings.
- d. Revise Compliance Assurance Strategy by May 1, 2004.
- e. Reporting for any DWSRF Set-Aside expenditures for this activity will be provided via the DWSRF program annual report.

7.3 Schedule

Quarterly.

7.4 Funding

PWSS and State Program Management [1452(g)(2)] DWSRF Set-Aside funds. Completion of Activity 7 is dependent upon securing adequate resources to implement the expanding regulatory scope of the safe drinking water program. 14,000 person hours-base program (approximately 6.7 work years).

7.5 Contacts

Jerri Henry, IDEQ (208) 373-0471
Shannon Cooper, EPA (206) 553-2582
Rick Green, EPA (206) 553-8504

Activity 8.0 Continue to Implement Capacity Development Strategy.

8.1 Approach

Continue implementation of the Capacity Development Strategy by delivering education and services to small public water systems.

- a. Reporting for this activity will be provided via the DWSRF program annual report.

8.2 Outputs

- a. Enhanced Sanitary Survey – Continue the development of an electronic format for conducting and reporting sanitary surveys, using hand-held technology.
- b. Deliver Business Planning Handbook to small public water systems.
- c. Ongoing Technical, Financial, Managerial Training for small public water systems – Provide for training aimed at making small systems and state drinking water staff who provide assistance to small systems more familiar with the elements of water system capacity and the methods for assessing them.
- d. Publish and refine sanitary survey handbook/self-assessment tool and continue to implement the enhanced sanitary survey and deliver to small systems.

- e. Provide TFM Training to IDEQ staff and consultants, such as undertaking the development of a comprehensive IDEQ rule, guidance, and policy manual so that service is better provided to small public water systems.
- f. Implementation of Phase 1 of Area Wide Optimization Plan (AWOP) for surface water systems.
- g. Continue to provide proactive distribution of information on capacity development to small public water system operators (includes CCR education).
- h. Produce historic SNC list report.

8.3 Schedule

Please see Outputs 8.2.

8.4 Funding

PWSS base program, State Program Management [1452(g)(2)] DWSRF Set-Aside, Local Assistance and other State Programs [1452(k)(1)] DWSRF Set-Aside funds. 7,500 person hours (approximately 3.6 work years) plus contract staff.

8.5 Contacts

Chris Lavelle, IDEQ (208) 373-0486
 Bill Chamberlain, EPA (206) 553-8515
 Rick Green, EPA (206) 553-8504

Activity 9.0 Plan and Specification Review.

9.1 Approach

Complete plan and specification review of all acceptable plans within 45 days of submittal. Flawed plans are expected to take longer (Objective #4).

9.2 Outputs

- a. 955 reviews completed.
- b. Quarterly progress reports on number of reviews completed.
- c. Reporting for any DWSRF Set-Aside expenditures for this activity will be provided via the DWSRF program annual report.

9.3 Schedule

Annually.

9.4 Funding

PWSS and State Program Management [1452(g)(2)] DWSRF Set-Aside funds. 10,500 person hours (approximately 5.0 work years).

9.5 Contacts

Lance Nielsen, IDEQ (208) 373-0291
 Rick Green, EPA (206) 553-8504

Activity 10.0 Drinking Water Engineering Services and Support.

10.1 Approach

Ensure implementation of optimal corrosion control (OCC) as well as the Cross Connection Control (CCC) and Back-flow Prevention Program.

10.2 Outputs

- a. Corrosion Control Items:
 - 1) Report water quality parameters, violations, and milestones (by May 2004)
 - 2) No additional reporting is necessary for this Activity.
- b. Cross Connection Control and Back-flow Prevention Program Items:
 - 1) Revise Program Guidance (by January 2004)
 - 2) Informational Brochure on CCC Program in Idaho (by March 2004)
 - 3) Proctor Back-flow Tester Courses to recognize new instructors and ensure statewide consistency (ongoing)
 - 4) Ensure statewide consistency of CCC Program through annual statewide instructor's meeting and through technical assistance (ongoing)
 - 5) No formal reporting requirements for these outputs.

10.3 Schedule

See 10.2 Outputs

10.4 Funding

Base program – PWSS. 1,000 person hours (approximately 0.4 work years).

10.5 Contacts

Troy Thrall, IDEQ (208) 373-0175
Wendy Marshall, EPA (206) 553-1890
Jane Schuster, EPA (206) 553-1096

Activity 11.0 Core Safe Drinking Water Primacy Support Activities.

11.1 Approach

- a. Public Education
Provide a variety of outreach products such as the Drinking Water Newsletter, drinking water related brochures.
- b. Annual Drinking Water Fee Assessments
Provide for the collection of drinking water fees.
- c. Health District Contract Management
Provide for oversight and project management of the Health District Contracts.
- d. Maintain a laboratory certification program consistent with EPA requirements through an agreement with Idaho Department of Health and Welfare's Bureau of Laboratories to ensure public water systems have available laboratory resources. The program will coordinate with Idaho Department of Health and Welfare's Bureau of Labs to provide either in state or reciprocity certified labs for analysis of drinking water contaminants. (See public Health Objective #2).

- e. Consumer Confidence Reports
IDEQ will prepare and distribute Idaho's CCR template and an annual list of detections and violations for each community water system advising them of the requirements to prepare and file the CCR. Regional IDEQ offices will respond to questions or requests for assistance from public water systems.
- f. Annual Compliance Report
Submit, to EPA, an annual report on public water system violations in Idaho (See Public Health Objective #3).

11.2 Outputs

- a. Public Education
Publish and distribute Drinking Water Newsletter and brochures as needed.
- b. Annual Drinking Water Fee Assessments
Provide public water systems with yearly invoices and follow-up reminders.
- c. Health District Contract Management
IDEQ provides oversight and quarterly contract reviews with each Health District staff and participates in the annual contract negotiations.
- d. Maintain Laboratory Certification Program
Current certified laboratory program.
- e. Consumer Confidence Reports
IDEQ will report CCR compliance when SDWIS/State has a module designed specifically to report CCR compliance. Also, IDEQ will send monitoring histories and CCR templates to all Community Water Systems (CWSs) to assist them in the completion of their CCRs as well as advising them of the requirements to prepare and file the CCR by July 1 of each year. Finally, IDEQ will include CCRs in the scope of resolving violations of other drinking water rules.
- f. Annual Compliance Report.
Complete an Annual Compliance Report
- g. Reporting for any DWSRF Set-Aside expenditures for this activity will be provided via the DWSRF program annual report.

11.3 Schedule

- a. Public Education
Continuing
- b. Annual Drinking Water Fee Assessments
Annually
- c. Health District Contract Management
Annual contract renewal and quarterly meetings for contract oversight

- d. Maintain Laboratory Certification Program
Annually
- e. Consumer Confidence Reports
Annually.
- f. Annual Compliance Report
July 1, 2003

11.4 Funding

- a. Public Education
Base PWSS funding and Local Assistance and other State Programs [1452(k)(1)]
DWSRF Set-Aside. 2,000 person hours (approximately 0.9 work years).
- b. Annual Drinking Water Fee Assessments
Base PWSS funding. 100 person hours (approximately 0.05 work years).
- c. Health District Contract Management
Base PWSS funding. 1,300 person hours (approximately 0.6 work years).
- d. Laboratory Certification Program
Base PWSS funding. 250 person hours (approximately 0.1 work years) plus contract
with State lab.
No additional reporting is necessary for this Activity.
- e. Consumer Confidence Reports
PWSS base funding. 100 person hours (approximately 0.05 work years).
- f. Annual Compliance Report
Base program PWSS. 100 person hours (approximately 0.05 work years).

11.5 Contacts

- a. Public Education
Tom Aucutt, IDEQ (208) 373- 0269
Rick Green, EPA (206) 553-8504
- b. Annual Drinking Water Fee Assessments
Tom Aucutt, IDEQ (208) 373- 0269
- c. Health District Contract Management
Tom Aucutt, IDEQ (208) 373- 0269
- d. Maintain Laboratory Certification Program
Jerri Henry, IDEQ (208) 373-0471

Gene Taylor, EPA (206) 553-1389
Isa Chamberlain, EPA (360) 871-8706

- e. Consumer Confidence Reports
Tom Aucutt, IDEQ (208) 373-0269
Shannon Cooper, EPA (206) 553-2582

- f. Annual Compliance Report
Tom Aucutt, IDEQ (208) 373-0269
Jane Schuster, EPA (206) 553-1096

Activity 12.0 Public Water System Security

12.1 Approach

Provide information, consultation and training to water systems on drinking water security.

12.2 Outputs

- a. Provide information on security via the quarterly newsletter to water systems.
- b. Respond to requests from water systems for information on updating their emergency response plans or conducting a vulnerability assessment.
- c. When appropriate provide public water system security training in addition to other ongoing training when appropriate .
- d. Coordinate educational outreach activities with groups like the Association of Cities (AIC)

Idaho

12.3 Schedule Annually.

12.4 Funds

Special "Security Grant" from EPA. 1,748 person hours (approximately 0.8 work years).

12.5 Contacts

Dave Hovland, IDEQ (208) 373-0475)
Gene Taylor, EPA (206) 553-1389
Rick Green, EPA (206) 553-8504

Activity 13.0 Administer the Operator Certification Program for Public Water Systems.

13.1 Approach

The day-to-day administration of the program may be contracted out. The Certification Board requires all operators to get .6 Continuing Education Units (CEU)s annually.

13.2 Outputs

- a. Certification of a responsible charge operator and backup operator for each community and non-community, non-transient public drinking water system in Idaho.

- b. Promulgate revised operator certification section of the Drinking Water Rules
- c. Maintain certification program for existing operators
- d. Work towards certification of 15% of operators not yet certified
- e. Reporting for any DWSRF Set-Aside expenditures for this activity will be provided via the DWSRF program annual report

13.3 Schedule

Certification of 85% of 1002 drinking water system operators by April 15, 2004.

13.4 Funds

State Program Management [1452(g)(2)] DWSRF Set-Aside, State General Funds and revenue generated by certification fees. 1,000 person hours (approximately 0.4 work years).

13.5 Contacts

Bill Chamberlain, EPA (206) 553-8515

Chris Lavelle, IDEQ (208) 373-0486

Rick Green, EPA (206) 553-8504

Activity 14.0 Develop drinking water protection plans for selected communities that have expressed an interest and completed the Source Water Assessment process.

14.1 Approach

Provide direct technical assistance during SFY 2004 to 19 communities in Idaho that have completed the source water assessment process and have expressed a desire to pursue drinking water protection.

Also, develop regional drinking water protection plans that include delineated public water systems, and integration of priority ground water or surface water areas. This process involves multiple stakeholders (please see "Integrated Watershed Management Program" portion of this PPA for details).

14.2 Resources

IDEQ regional office personnel will utilize source water assessment reports, delineations, and maps to work with community leaders in facilitating local committee meetings and in drafting drinking water protection plans. Plans must conform to the guidance set forth in Idaho's Wellhead Protection Plan (WHP) and/or Protecting Drinking Water Sources in Idaho guidance.

14.3 Outputs

- a. 19 drinking water protection plans endorsed by community representatives, public water systems, and the general public. Plans must be adequate to qualify for certification by IDEQ as defined by Idaho's Protecting Drinking Water Sources in Idaho guidance.
- b. Reporting on progress will be done biannually, and a report on any DWSRF Set-Aside expenditures for this activity will be provided via the DWSRF program annual report.

14.4 Schedule

2 drinking water protection plans are expected to be completed and certified by

September 30, 2003, and an additional 14 plans are scheduled for certification by June 30, 2004.

14.5 Funding

Drinking water protection plans for surface water systems will be funded by CWA 319 or general ground water funds, contingent upon availability. Protection plans for ground water systems are to be completed with the use of FFY2002/2003 Local Assistance and other State Programs [1452(k)(1)] DWSRF Set-Aside funds and state funds. IDEQ does not anticipate awarding contractual funds for the completion of drinking water protection plans during SFY2004. Drinking water protection plans will be completed by IDEQ state office and regional office personnel working in conjunction with the selected communities, and, where appropriate, in coordination with the Idaho Rural Water Association (IRWA) Wellhead Protection Program and its employees. The level of effort projected for this Activity is 2,174 person hours (approximately 1.1 work years).

14.6 Contacts

Eric Winiecki, EPA (206) 553-6904
Rick Green, EPA (206) 553-8504
David Risley, IDEQ (208) 373-0502

Activity 15.0 Assess, with respect to source water vulnerability, approximately 84 community and non-community, non-transient and 30 non-community transient drinking water sources during SFY 2004.

15.1 Approach

Delineate new public water sources not identified in IDEQ's EPA-approved Idaho Source Water Assessment Plan (now completed), which included all active PWS sources in Idaho as of November 1, 1999.

15.2 Resources

IDEQ will use drinking water source locations derived from the SDWIS STATE database; WHPA, WhAEM, and/or GMS/MODFLOW models to determine capture zones; recently developed GIS layers plus assistance from local communities and the systems for contaminant inventories; and an electronic program for the susceptibility analyses.

15.3 Outputs

- a. For each public water system a source water assessment report will be provided consisting of a narrative and one or more maps illustrating the delineated source water area(s) along with locations of potential contaminant sources, the relative risk associated with each contaminant source, and guidance on interpreting results and applying protective measures.
- b. Progress reports will be submitted biannually on progress towards this goal.
- c. Reporting for any DWSRF Set-Aside expenditures for this activity will be provided via the DWSRF program annual report.

- d. The susceptibility program will be updated to generate user-friendly back-end files that will automatically be stored directly in a network database.
- e. Updates will be made to both the AgChem and UST/LUST potential contaminant databases.

15.4 Schedule

Approximately 84 community and non-community, non-transient and 30 non-community transient drinking water sources will be assessed during SFY 2004. 30% of the assessments are scheduled to be completed by December 31, 2003; the remaining 70% of the assessments will be completed by the end of the state fiscal year (June 30, 2004).

Updates to both (a) the susceptibility program and (b) the AgChem and UST/LUST databases will be completed by June 30, 2004.

15.5 Funding

For ground water sources, this activity will be funded with FFY2002/2003 Local Assistance and other State Programs [1452(k)(1)] DWSRF Set-Aside funds. For surface water sources, assessments will be funded with CWA 319 or general ground water funds. IDEQ does not anticipate awarding contractual funds for the completion of source water delineations during SFY2004. The total programmatic level of effort projected for this activity is 5007 person hours (approximately 2.4 work years).

15.6 Contacts

Eric Winiacki, EPA (206) 553-6904
David Risley, IDEQ (208) 373-0502
Rick Green, EPA (206) 553-8504

Activity 16.0 Development of a software program to allow the state to store, maintain, analyze, and track information generated by or related to source water assessment and drinking water protection efforts.

16.1 Approach

Build a stand-alone software module that will allow IDEQ to store, maintain, analyze, and maintain information generated by the Source Water Assessment and Protection program, and in addition interact with the SDWIS State module and other environmental databases. This will allow IDEQ to track and update protection efforts in real time, and to relate assessment and protection efforts to ongoing activities within other state environmental programs.

16.2 Resources

IDEQ state office personnel will coordinate efforts with an outside contractor to develop a source water information system (SWIS) software module.

16.3 Outputs

- a. Development of a source water information system (SWIS) software module.
- b. Population of the SWIS software module with data from the Source Water Assessment (SWA) Database, the Drinking Water Protection database, and other

databases as deemed necessary.

- c. Creation and population of data tables to support maintenance of data currently not maintained within SDWIS/STATE or other IDEQ source water information systems.
- d. Creation of an interface for entry of data related to maintenance and reporting of SWA and Drinking Water Protection activities.

16.4 Schedule

Completion (including population) of the source water information system (SWIS) software module is anticipated by June 30th, 2004.

16.5 Funding

This Activity will be funded in part by a grant from EPA OGWDW Discretionary Funds. Additional funding for this Activity will be allocated from FFY2002/2003 Local Assistance and other State Programs [1452(k)(1)(d)] DWSRF Set-Aside funds. The level of effort projected for this Activity by State Office personnel is 650 person hours (approximately 0.3 work years). Additional monies are available for contract work.

16.6 Contacts

Eric Winiecki, EPA (206) 553-6904

Rick Green, EPA (206) 553-8504

David Risley, IDEQ (208) 373-0502

Activity 17.0 Development of regional drinking water protection plans.

17.1 Approach

Regional drinking water protection plans are voluntary, consensus-derived documents prepared for the protection of a region which incorporates multiple delineated public water systems, and involves multiple stakeholders. The IDEQ Source Water Assessment and Protection program will coordinate with other state programs, including the 319 Nonpoint Source program, to identify and prioritize areas of concern, and to promote interest in, and the facilitation of, the preparation of regional drinking water protection plans.

17.2 Resources

IDEQ state office and regional office personnel will coordinate efforts with Idaho Rural Water Association, Association of Idaho Cities, and Idaho Association of Counties personnel to complete this Activity.

17.3 Outputs

- a. 3 completed Regional Drinking Water Protection Plans.
- b. Number of Drinking Water Protection Plans in progress.

17.4 Schedule

IDEQ is committed to completing 3 Regional Drinking Water Protection Plans within State Fiscal Year 2004.

- 17.5 Funding
This activity will be funded with a combination of FFY2002/2003 Local Assistance and other State Programs [1452(k)(1)(d)] DWSRF Set-Aside funds and CWA 319 and general state ground water monies. The level of effort projected for this Activity by State office and regional office personnel is 1733 person hours (approximately 0.83 work years).
- 17.6 Contacts
Eric Winiecki, EPA (206) 553-6904
Rick Green, EPA (206) 553-8504
David Risley, IDEQ (208) 373-0502

Activity 18.0 Implementation of watershed enhancement projects

- 18.1 Approach
Watershed enhancement projects consist of "on the ground" surface and ground water protection projects or activities derived from local or regional source water protection plans or watershed protection strategies. Watershed enhancement projects focus on previously identified priority actions to achieve a measurable benefit to designated beneficial uses.
- 18.2 Resources
IDEQ state office and regional office personnel will coordinate efforts with federal, state, and local entities to accomplish the goals of this Activity.
- 18.3 Outputs
a. Number of completed watershed enhancement projects.
b. Number of watershed enhancement projects in progress.
- 18.4 Schedule
IDEQ is committed to completing 16 watershed enhancement projects within State Fiscal Year 2004.
- 18.5 Funding
This activity will be funded with a combination of FFY2002/2003 Local Assistance and other State Programs [1452(k)(1)(d)] DWSRF Set-Aside funds and CWA 319 and general state ground water monies. The level of effort projected for this Activity by State office and regional office personnel is 4128 person hours (approximately 2.0 work years). Additional monies are available for contract work.
- 18.6 Contacts

Eric Winiecki, EPA (206) 553-6904
Rick Green, EPA (206) 553-8504
David Risley, IDEQ (208) 373-0502

Activity 19.0 Component Commitments

19.1 IDEQ and EPA Commitments

- Once final budget figures are known, meet to re-evaluate and if warranted, adjust the measures listed for the drinking water program to a level commensurate with funding.
- Meet face to face or via teleconference at least four times per year to discuss SNC status, compliance issues, and PWSS program performance issues. At least one of the meetings will be face to face.
- Meet annually for program review and discussion of performance measures reported by State.
- Cooperate on issues related to the implementation of new rules.
- Cooperate when conducting formal enforcement actions.
- Cooperate on resolving data quality issues between SDWIS/State and SDWIS/Fed.
- To the extent resources are available, cooperate in developing alternate reporting mechanisms for those cases where SDWIS does not accommodate data reporting.
- Cooperate to resolve issues related to updating compliance assurance agreement.
- Coordinate and keep each other fully informed of all drinking water related activities in the State of Idaho performed by third party service providers.
- Cooperate on Monitoring Waiver Program revisions.
- Sanitary Survey schedule to be negotiated per pending Strategic Plan schedule.
- Define the variance and exemption processes for general implementation including: small systems, arsenic rule, etc..
- Provide technical assistance and training to public water systems, communities, and additional regional entities interested in developing drinking water protection plans, both at the local and regional level.
- Provide continued technical support to Idaho Rural Water Association in the development of drinking water protection plans for communities under 10,000 population, and regional drinking water protection plans for the protection of delineated and non-delineated areas.
- Integrate drinking water protection into other programs implemented by IDEQ and other state (wastewater land application, AST, UST, etc.) and federal agency (HUD activities, Idaho Rural Development, etc.) objectives.
- Maximize efficient integration of TMDL implementation plans, ground water management plans, and source water assessment/drinking water protection plans for the common protection of ground water and surface water resources.
- Work on priority issues related to EPA's projected goal of 60% of nationwide community water systems implementing drinking water protection plans by 2005.
- Coordinate with other technical service providers, such as the Idaho Water Resource Research Institute, University of Idaho, Idaho Rural Water Association, and others to target and provide assistance to drinking water systems, communities, and watersheds with a need for drinking water protection.

- Continue assessing, with respect to source water vulnerability, new public drinking water sources as they are identified.
- Assist communities or PWSs in recognizing and defining actual and/or potential threats to their drinking water supplies, and assist these communities or PWSs in locating funding to implement protection projects.
- Oversee and/or manage the implementation of drinking water protection projects, both at local and regional levels.
- Meet annually with Region 10 EPA personnel to review drinking water protection progress and grant review.

19.2 EPA Commitments

- Provide written reports of annual Idaho Drinking Water Primacy program review in a timely manner.
- Continue to provide State with quarterly SNC list at least 30 days before the quarterly State-EPA meeting is scheduled.
- Continue to provide technical guidance and interpretation of federal rules.
- Notify State of all opportunities to comment or participate in workgroups that affect rules or guidance.
- Provide timely processing of all documents submitted for approval such as PWSS grant applications, DWSRF Set-Aside workplans, and primacy applications. Provide workable, realistic models for submittals when new approvals are required.
- Reduce administrative demands on the State by limiting reporting as much as practical to quarterly reports and the information required under 40 CFR 142.14.
- Participate in all Drinking Water Advisory Committee meetings in person or by teleconference.
- Provide IDEQ with current information, work plans and contracts for services that EPA enters into with non-IDEQ drinking water service providers.
- Provide advance information on training opportunities.
- Continue implementation of the Unregulated Contaminant Monitoring Rule and update IDEQ on relevant issues related to this rule.
- EPA acknowledges that IDEQ reporting commitments are contingent upon EPA furnishing functional SDWIS/State and SDWIS/Fed data systems.
- EPA will process arsenic exemption applications as agreed to in the arsenic primacy agreement.

COMPONENT 7: Integrated Watershed Management Program

Program Goal

The goal of the IDEQ Integrated Watershed Management Program is to begin development of a structure to coordinate planning, development, prioritization, and implementation of on-the-ground water quality activities and projects in a watershed context. IDEQ plans to improve water quality in areas where waters do not currently meet water quality standards or beneficial uses through coordination of water quality planning and project implementation.

Building on national efforts to integrate Clean Water Act and Safe Drinking Water Act activities, the primary focus of the Integrated Watershed Management Program will be on integration of Drinking Water Protection set-aside funds and 319/NPS funds. Through a coordinated effort, IDEQ will accomplish drinking water protection for both ground water and surface water sources and systems through application of Drinking Water Protection set-aside funds and 319 funding respectively.

In addition to traditional drinking water protection activities, the Integrated Watershed Management Program will track other water quality planning efforts and associated project implementation. Included in these efforts are Regional Drinking Water Protection Plans, Ground Water Quality Protection Plans, TMDL Implementation Plans, and Watershed Enhancement Projects (those activities generated from planning efforts).

Beyond projects conducted by agency staff, IDEQ will solicit on-the-ground water quality improvement projects for nonpoint source, drinking water, and ground water for funding through the traditional 319 project solicitation, ranking, and selection process.

Activities

- Manage and implement the 319/Nonpoint Source Management Program;
- Coordinate ground water implementation strategies for a comprehensive program with existing State and federal agency partners.
- Develop guidance criteria for conducting degraded ground water management planning with local communities.
- Develop Integrated Watershed Management Projects related to regional drinking water protection plans for selected communities.
- Ensure water quality and restoration activities are in compliance with existing water quality standards, agency goals and long range plans.

Program Contacts

Phil Bandy, IDEQ (208) 373-0439
Eric Winiecki, EPA, (206) 553-6904

Program Commitments

Program Priorities:

- Facilitate development of TMDL Implementation Plans and implementation of plans with designated management agencies.
- Facilitate development of Integrated Watershed Management Plans addressing ground water and/or surface water issues.

Outcome:

Develop a structure to coordinate planning, development, prioritization, and implementation of on-the-ground water quality activities and projects in a watershed context. The long-term goal of the approach is integration of water quality programmatic and project planning and implementation to mitigate water quality issues and support all beneficial uses.

319/Nonpoint Source Management

Activity 1.0 Manage 319/NPS Program.

1.1 Approach

Implement the 319 Nonpoint Source (NPS) Program in conformance with the EPA approved Idaho 2000 Nonpoint Source Management Plan. A copy of the plan is available at <http://www2.state.id.us/deg/water/nps/nps.htm>. Coordinate development of scheduled TMDL Implementation Plan. IDEQ will collaborate with resource partners to develop implementation plans for approved TMDLs. These partners may include: Idaho State Department of Agriculture, Idaho Department of Lands, Soil Conservation Commissions, U. S. Forest Service, Bureau of Land Management, Natural Resources Conservation Service and others. IDEQ will work on revising existing Nonpoint Source, Forest Practices Act, and other water quality Memorandums of Understanding (MOUs). Develop guidance to support this effort.

1.2 Outputs

- a. Successful award and completion of implementation project grants initiated under 319 contracts. These grants are contingent upon approved TMDLs and based on funding availability and amount. The 319 Nonpoint Source Management Plan will be utilized as the guidance document for this activity.
- b. Administer grants in accordance with relevant grant conditions including use of the Grant Reporting and Information Tracking System (GRITS) to report program activities.
- c. Submit a complete annual report for the Nonpoint Source Management Program.
- d. Develop Implementation Plan guidance document for developing specific implementation plans according to the TMDL Settlement Agreement.
- e. Initiate and develop umbrella Memorandums of Understanding (MOUs) with Nonpoint Source and Forestry entities.
- f. Utilize the Nonpoint Source Management Plan as the guidance document performing 319 Reviews.
- g. Integrate outside funding efforts with 319 funding. (i.e. BPA, SRF, EQUIP, etc.)
- h. Continue to develop effluent trading opportunities for this year, including Twin Falls, Brownlee, and Portneuf. EPA to provide permit language in order to facilitate further use of this tool.

1.3 Schedule

Activities conducted under the auspices of 319/NPS will follow milestones identified in Idaho's Nonpoint Source Management Plan.

1.4 Funding

EPA funds approximately 60% of the 319/NPS program while IDEQ provides 40% in matching funds using State and local monies. Pollution Trading efforts have been supported with some 104(b) federal grant funds and State funds. IDEQ estimates approximately 7,970 person hours (approximately 3.8 work years) and \$2,800,000 from the Federal 319 Grant.

TMDL Implementation Plan development efforts conducted by IDEQ staff are funded by State general funds.

- 1.5 Contacts
 - Christine Psyk, EPA (206) 553-1906
 - Rick Seaborne, EPA (206) 553-8510
 - Todd Maguire, IDEQ (208) 373-0115
 - Phil Bandy, IDEQ (208) 373-0570

Activity 2.0 Coordinate ground water implementation strategies for a comprehensive program with existing State and federal agency partners.

- 2.1 Approach
 - Participate with other groups to develop collaborative strategies, for management of Idaho's ground water quality.
- 2.2 Resources
 - IDEQ will use internal resources to oversee and facilitate this activity.
- 2.3 Outputs
 - a. Raise internal awareness of the Ground Water Program.
 - b. Review the Ground Water Plan.
 - c. Provide Ground Water Rule interpretation.
- 2.4 Schedule
 - Final outputs scheduled for June 2004 but will depend on allocation or redirection of additional state resources.
- 2.5 Funding
 - This Activity will be funded by legislatively appropriated monies and federal funds. Projected level of effort for this internal and interagency coordination effort is 2,500 hours (approximately 1.2 work years).
- 2.6 Contacts
 - Tim Hamlin, EPA (206) 553-1563
 - Phil Bandy, IDEQ (208) 373-0439
 - Rick Huddleston, IDEQ (208) 373-0561

Activity 3.0 Develop guidance criteria for conducting degraded ground water management planning with local communities.

- 3.1 Approach
 - IDEQ is planning for the management of degraded ground water areas with several communities in Idaho. Experiences gained by those IDEQ regional offices conducting

the planning will be used to develop written guidance for other IDEQ regions that will conduct similar projects.

3.2 Resources

Internal resources will be used to develop a guidance document for regional offices involved in conducting degraded ground water area Management plans.

3.3 Outputs

- a. Produce a guidance document for IDEQ and cooperating agencies to use in developing plans.
- b. The final or draft documents will be available to EPA upon request by June 30, 2004.

3.4 Schedule

Produce the guidance by June 30, 2004.

3.5 Funding

This Activity is funded by state and federal ground water 106 resources. It is estimated that this Activity will require 500 hours of staff time (approximately 0.2 work years) in the state and regional offices.

3.6 Contacts

Eric Winiecki, EPA (206) 553-6904
Phil Bandy, IDEQ (208) 373-0439
Rick Huddleston, IDEQ (208) 373-0561

Activity 4.0 Develop Integrated Watershed Management Projects related to regional drinking water protection plans for selected communities.

4.1 Approach

Develop regional drinking water protection plans including delineated public water systems, and integrating priority ground water or surface water areas. This process involves multiple stakeholders.

4.2 Resources

IDEQ Regional Office staff will use source water assessment and drinking water protection reports, delineations, and maps to work with community leaders in drafting regional drinking water protection plans. Plans must conform to the guidance set forth in Idaho's Wellhead Protection Plan (WHP) and/or Protecting Drinking Water Sources in Idaho guidance.

4.3 Outputs

- a. 3 regional drinking water protection plans endorsed by community representatives, public water systems, and the general public. Plans must be adequate to qualify for certification by IDEQ as defined by Idaho's Protecting Drinking Water Sources in

Idaho guidance.

b. Quarterly progress reports.

4.4 Schedule

3 regional protection plans are expected to be completed and certified during SFY2004.

4.5 Funding

Regional protection plans will be funded primarily by SRF Drinking Water Protection set-aside funds. As appropriate, 319 funds will be used for surface water systems and general ground water funds will be used for activities outside delineated source water areas. It is estimated that 2715 person hours (approximately 1.3 work years) will be assigned with this activity.

4.6 Contacts

Eric Winiecki, EPA (206) 553-6904

David Risley, IDEQ (208) 373-0502

Phil Bandy, IDEQ (208) 373-0439

Activity 5.0 Ensure water quality and restoration activities are in compliance with existing water quality standards, agency goals and long range plans.

5.1 Approach

Work with other agencies, the regulated community and other stakeholders to guide and direct activities that may impact water quality including wetlands. Coordinate planning efforts both internally and externally to assure that water quality needs are considered. Conduct audits of practices and work on modification of Best Management Practices (BMPs) and permits as necessary. Conduct enforcement activities when appropriate. Coordinate programs with the Office of Endangered Species. Develop innovative approaches.

5.2 Outputs

- a. Annual and strategic plans for the Surface Water Quality program.
- b. Water quality review activities.

5.3 Schedule

The Annual Report is scheduled for distribution at the beginning of each calendar year. The Strategic Plan is scheduled for distribution at the beginning of each state fiscal year. Planning and review activities occur on an ongoing basis throughout the year.

5.4 Funding

This activity is funded by a mix of state general fund money as appropriated by the legislature and Federal grant funds. See hours in Activity 1.4, as this section is a part of IDEQ's overall Non Point Source program. This effort may be supported by additional contract funds if available.

5.5 Contacts

Amber Wong, EPA (206) 553-4061

Michael McIntyre, IDEQ (208) 373-0570

Phil Bandy, IDEQ (208) 373-0439

Activity 6.0 Component Commitments

6.1 IDEQ and EPA Commitments

- Strengthening their working relationship on an ongoing basis.
- Coordinate on prioritized implementation plans.
- Report overall Program progress two times each year regarding submittal and approval actions.
- Maximize efficient integration of TMDLs and source water assessment / drinking water protection plans for the common protection of ground water and surface water resources.
- Administer grants in accordance with relevant grant conditions including use of the Grant Reporting and Information Tracking System (GRITS) to report program activities.
- IDEQ will submit a complete annual report for the Nonpoint Source Management Program.
- Coordinate review and selection of nonpoint source projects and activities to address priority water quality needs (under applicable state and EPA plans), and taking into account multiple available funding sources.

6.2 EPA commitments

- Provide timely reviews of 319 project workplans, grant submittal, amendments, annual NPS report.
- Provide nonpoint source program technical assistance, and assist in interagency coordination.